

云南凤尾蕨属一新种

邓莉兰

A NEW SPECIES OF PTERIS L. FROM YUNNAN

Deng Li-lan

〔摘 要〕 凤尾蕨属一新种—菜阳河凤尾蕨 (*Pteris caiyangheensis* L. L. Deng sd. nov.).

关键词 凤尾蕨属; 菜阳河凤尾蕨; 新种

Key words *Pteris*; *P. caiyangheensis*; New species

菜阳河凤尾蕨 (新种)

Pteris caiyangheensis L. L. Deng sp. nov.

Species *P. aspericaulem* Wall. var. *aspericaulem* primp ad aspectu maxime similis, a qua differt laminis ovato-triangularibus, bipinnatisectis trifurcatis; stipitis duplis longis laminis; indusiis luteolis.

Tota planta 35–55 cm alta. Rhizoma breve, oblique patentes, c. 5 mm crassa, apice flavo-brunnea vestita. Frondes caespitosae unimorphae; stipites dupli longi laminibus, 1–2 mm diam., basi flavo-bruneis vestitis, glabrae, paulo grossae; raches, stipites et pinnulae margine purpurascens; lamina ovato-triangulari, 15–20 cm longa, 10–15 cm lata; bipinnatisecta, trifurcata; terminatae pinnulae late lanceolatae, apice acuminate, basi late cuneatae, in utroque latere 20–25 jugis pectinatis pinnatisectis fere ad raches, stipitalis 1–2 cm longis; pinnulae oppositae vel suboppositae, contiguae subpatentes, vix falcatae, 2–3 cm longae, 5 mm latae, apice aculatae vel obtusae apiculatae, integrae, rare repandae; laterae pinnulae unjugae, dichotomae, i. e. basi l pectinatis pinnatisectis uniformibus cum terminata pinnulas; raches subtus protuberantes, glabrae, superne anguste concavae, spinis 2–3 mm longis in axillis pinnularum; lateraibus venulis utroque conspicuis, oblique pentalis, basi dichotomis infimis e excurrentibus. Pagina frondis in sicco viridis, coriacea, margine vix purpurascens, glabra. Sori 1 cm longi; indusia luteopola.

作者单位: 云南, 昆明, 西南林学院森林植物研究所 (The Forest Botanical Institute, Southwest Forestry College, Kunming 650224, Yunnan)
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Yunnan Simao City, Caiyanghe Nature Preserve, in evergreen broad-leaf forest or valley rain-forest, 800-1000m above sea level, Fan Guo-Sheng et Du Fan 15101, Oct. 15, 1991. (Typus SW FC).

植株高 50cm;根状茎短而斜生,粗 5mm,先端被黄褐色鳞片。叶一型,簇生,叶柄长为叶片的 2 倍,粗 1-2mm,连同叶轴、叶边饰有浅紫色,基部有黄褐色鳞片,无毛,略粗糙;叶片卵状三角形,长 15-20cm,宽 10-15cm,二回深羽裂,三叉状;顶生羽片阔披针形,先端渐尖,基部宽楔形,具 1-2cm 的柄,两侧有 20-25 对篦齿状裂片,深几达叶轴;裂片对生或近对生,毗连,几平展,略呈镰刀状,长 2-3cm,宽 5mm,先端短尖或为钝头,并有一小突尖,全缘或偶呈微波状,侧生羽片一对,羽片 2 叉,即其基部下侧有一片篦齿状深羽裂的羽片,与顶生羽片同形;羽轴下面隆起,光滑,上面有狭纵沟,沟两旁在裂片与羽轴交叉处有长 2-3mm 长的刺。侧脉两面明显,从裂片基部二叉,裂片基部下侧一脉出自羽轴;叶干后近草质,绿色,边缘浅紫色,无毛,孢子囊群长约 1cm,囊群盖为浅黄色。

本种与紫轴凤尾蕨 (*P. aspericaulis* wall. var. *aspericaulis*)相近,但不同的是叶片卵状三角形,二回深羽裂,三叉状;叶柄长为叶片的 2 倍;囊群盖为浅黄色易于区别。

云南:思茅、菜阳河自然保护区,常绿阔叶林或沟谷雨林下,海拔 800-1000m 樊国盛、杜凡等 15101, 1991. 10. 15. (模式标本存西南林学院树木标本室)。



菜阳河凤尾蕨

Pteris caiyangheensis L. L. Deng sp. nov.

1. 植株 (Plant); 2 羽片的一部分 (a part of Pinna); 3. 小羽片背面 (示孢子囊群) (abaxial side of pinnule, showing sori) (王红兵绘)